

**U.S. Geological Survey  
High Water Mark (HWM) Field Form**

HWM id number: HWM-NC-HYD-201 Date: 8-30-11  
County: Hyde Field party: SH, BP  
Nearest Town: Swan Quarter Nearest road: NC45

Latitude: N 35 23 41.6

GPS unit: Garmin Etrex  
(make, model)

Longitude: W 76 19 35.8  
(Horizontal datum is NAD83)

Accuracy: ± 11 ft

GPS serial #: \_\_\_\_\_

**Directions to site**

(Include such details as address, distance from intersection, physical description, etc.)

HWM set on debris line at WL sensor site (NC-HYD-001)  
at Swan Quarter Ferry Terminal

HWM identified with (colored flagging, marker stake<sup>stake</sup> disc, spray paint, other \_\_\_\_\_)

Type of mark (debris line, mud line, seed line, wash line, other \_\_\_\_\_)

Inside or outside mark: \_\_\_\_\_

Approx. height above ground (ft): HWM at base of stake  
at ground surface

Quality of mark: Excellent (+/- 0.05 ft) Good (+/- 0.10 ft) Fair (+/- 0.25 ft) Poor (>0.25 ft)

**Pictures**

Digital photo filenames

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

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**SITE MAP** (HWM id 14WM-NC-NYD-201)

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The site map is a hand-drawn sketch within a rectangular border. At the top, it is labeled 'SITE MAP (HWM id 14WM-NC-NYD-201)'. In the upper right corner, there is an upward-pointing arrow. The map depicts a river or waterway flowing from left to right. On the left bank, there is a small square labeled 'Terminal Office'. A dashed line labeled 'Debris Line' crosses the river. On the right bank, there are several vertical lines labeled 'Ferry Terminals'. A 'Gravel Road' is shown on the left bank, and a 'Mailbox' is marked with an 'X' on the riverbank. A 'HWM Stake' is indicated by a circle with a crosshair. To the right of the river, there is a sketch of a Y-shaped structure, possibly a bridge or a road junction.

Miscellaneous notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Survey Data**

Survey date: \_\_\_\_\_

Ground elevation (ft) \_\_\_\_\_

Field party: \_\_\_\_\_

HWM elevation (ft) \_\_\_\_\_

## HIGH WATER MARK DESCRIPTION FORM

Stream name \_\_\_\_\_ at Interstate/U.S./State/County/S.R. no. \_\_\_\_\_.

City \_\_\_\_\_ County \_\_\_\_\_ Party \_\_\_\_\_

Date of flood \_\_\_\_\_ Date flagged \_\_\_\_\_

Gage at site: Yes / No    Active / Discontinued    Station no. \_\_\_\_\_

Mark no.: \_\_\_\_\_ Quality (circle one) excellent/Good/Fair/Poor/Very poor  
Type (circle one) /Seedline/Cutline/Debris line/Trashline/Mudline/Other (describe below)

Mark is on: \_\_\_\_\_ -inch pine/oak/gum/bridge pile/other (describe)

Location: \_\_\_\_\_ ft upstream/downstream from \_\_\_\_\_

\_\_\_\_\_ ft right/left from \_\_\_\_\_

Remarks: \_\_\_\_\_

Mark is located on separate sketch page: Yes/No

Mark no.: \_\_\_\_\_ Quality (circle one) excellent/Good /Fair/Poor/Very poor  
Type (circle one) /Seedline/Cutline/Debris line/Trashline/Mudline/Other (describe below)

Mark is on: \_\_\_\_\_ -inch pine/oak/gum/bridge pile/other (describe)

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\_\_\_\_\_ ft right/left from \_\_\_\_\_

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\_\_\_\_\_ ft right/left from \_\_\_\_\_

Remarks: \_\_\_\_\_

Mark is located on separate sketch page: Yes/No